



City of Fort Myers, Florida

Engineering Division
Stormwater Management
P.O. Drawer 2217
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November 30, 2018

RE: FDEP ID: COM 288039, Weekly Update

Jon Iglehart
South District Director, FDEP
2295 Victoria Avenue, Suite 364
Fort Myers, Florida 33901

Dear Mr. Iglehart,

This letter constitutes the weekly update requested by FDEP concerning the removal of the lime residual at the South Street Property.

The November groundwater monitoring was done Wednesday and Thursday, Nov. 14 & 15, 2018. The testing includes Radium 226, Radium 228, and Uranium. The inclusion of these tests require a longer lab time for the results to be received. The results will be sent to FDEP when they are received.

Attached please find a weekly progress report which includes dust monitoring done at the site.

The Transportation Plan was submitted and approved earlier this week. Two loads of material were transported to Alabama as a test run for the routes and procedures.

During the next week the City plans to continue with the removal process.

The City of Fort Myers will continue to coordinate with FDEP to facilitate the Removal Plan and monitoring.

If you have any other questions or concerns please contact me at (239) 321-7630.

Thank you,

Richard H Thompson, P.E.
City of Fort Myers
Stormwater Resource Manager

Cc Mark Martin
Scott McManus
Richard Moulton
Saeed Kazemi



Project Name:	Lime Sludge Removal	Project No.	196779
Location:	1348 South Street, City of Fort Myers	Phase	1330
Inspector name:	Louis Vitone	Report No.	5
CM/RE:	Black and Veatch	Start Date	November 21, 2018
Contractor:	Ecosystem Technologies Inc. (E.T.I.)	End Date	November 29, 2018

WEEKLY SUMMARY

DESCRIPTION OF ACTIVITY

- Wednesday November 21, 2018 – E.T.I. raked site to remove organics, hauled (1) truckload of mulch from site, and grinded remaining branches to mulch. Forestry Resources removed their Dura-Mats from the site.
- Thursday November 22 through Sunday November 25, 2018 – No work (Thanksgiving Holiday)
- Monday November 26, 2018 – E.T.I. removed one (1) horizontal grinder from site (one not operating is still on site). Karle Environmental delivered a Link-Belt 250X4 long stick excavator to site. Karle Environmental started to excavate lime sludge from Lot 9 (as shown on Lime Sludge Residuals Plan- not attached).
- Tuesday November 27, 2018 – Karle Environmental continued excavating lime sludge from Lots 6, 5, 3, 2 and 1. Also started to remove 2.5 feet depth of sludge between Lots 6 and 9. G.F.A. International collected 33 hand boring samples from site. E.T.I removed their Bobcat skid-steer from site.
- Wednesday November 28, 2018 – Karle Environmental continued excavating lime sludge on south side of site. Sifted sludge and removed organics larger than 1-inch in diameter in preparation for sludge to be shipped tomorrow.
- Thursday November 29, 2018 – Karle Environmental filled two 20 cubic yard trucks using a Deere 200C excavator. PPM provided two (2) 20 cubic yard trucks that were shipped off site (to Mobile, Alabama).
- One (1) truckload of mulch and (2) truckloads of lime sludge were hauled off-site.
- Air was sampled for dust each day using DustTrak 8355. Results are shown below.

DUST MONITOR SAMPLING

w/ DustTrak 8355

Date	Test Start Time	Test Length [D:H:M]	PM2.5 Maximum [mg/m3]*	PM2.5 TWA [mg/m3]**	Weather Conditions
11/21/2018	7:00:59 AM	0:07:35	2:06:43 AM	12:24:29 AM	7:00 am – 65 °F, Clear 3:00 pm – 80 °F, Clear
11/22/2018	NA	NA	NA	NA	NA
11/23/2018	NA	NA	NA	NA	NA
11/24/2018	NA	NA	NA	NA	NA
11/25/2018	NA	NA	NA	NA	NA
11/26/2018	7:05:30 AM	0:09:50	0.033	0.015	7:00 am – 70 °F, Fog 5:00 pm – 80 °F, Partly Cloudy
11/27/2018	7:02:13 AM	0:10:15	0.013	0.007	7:00 am – 66 °F, Overcast 5:00 pm – XX °F, Partly Cloudy
11/28/2018	7:04:09 AM	0:09:13	0.011	0.003	7:00 am – 46 °F, Clear 5:00 pm – 62 °F, Sunny
11/29/2018	7:07:29 AM	0:07:55	0.042	0.008	7:00 am – 43 °F, Partly Cloudy 5:00 pm – 62 °F, Sunny

*PM2.5 Maximum: is the observed maximum during sampling of particulate matter with a diameter less than 2.5 micrometer

**PM2.5 TWA: is the time-weighted-average during sampling of particulate matter with a diameter less than 2.5 micrometer.

OSHA TWA limit for dust is <2.5 mg/m3.